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| Application No. | Applicant(s)   |  |
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| 10/088,191      | ACHANTA ET AL. |  |
| Examiner        | Art Unit       |  |
| Susan T. Tran   | 1615           |  |

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|          | 1                    | Н        |  | $\vdash$ |  | <del>`</del>            | _               |            |  | 51<br>52<br>53<br>54<br>55 | -                 | $\vdash$   | ╂                | 1              |               |   |          | -        |          | 105      | 1        | $\vdash$                                | +             | _        | 十            | _        | 十             | _        | _        |
|          | _₽_                  |          |  | $\vdash$ |  |                         | _               |            |  | - Sp                       | ├                 |  | -                |                | -             | _   | -        | $\vdash$ |          | 106      | •        | -                                       | $\dashv$      | +        | _            | $\dashv$ | -             | $\dashv$ | $\dashv$ |
|          |                      |          |  | 1        |  | +                       | -               |            |  | 56                         |                   | -  | -                |                |               | -   | -        | $\vdash$ | -        | 107      |          | -                                       | $\dashv$      | -+       | -            | $\dashv$ | -+            | 十        | $\dashv$ |
|          |                      | Щ        |  | $\sqcup$ |  | +-+                     | -               |            |  | 57                         | <del> </del>      | -  |                  |                |               | -   | 4:5      | $\vdash$ |          | 108      | _        | $\vdash$                                | $\dashv$      | $\dashv$ | +            | $\dashv$ | $\dashv$      | +        | $\dashv$ |
|          | _\$_                 | Ш        |  | Ш        | _  |                         |                 |            |  | 5B<br>59                   | ├                 |  |                  |                |               |   | - interi | -        | +        | 109      |          | ┞╼┼                                     | $\dashv$      | -        | $\dashv$     | $\dashv$ | 十             | 十        | -        |
|          | -                    |          |  |          |  |                         |                 |            |  | 1 25                       | <del> </del> —    | -  | +                |                |               | $\vdash$  | -0       | -        |          | 110      | _        | ┝┉┼                                     | $\dashv$      |          | -            | -        | +             | $\dashv$ | —        |
|          | 10                   | $\sqcup$ |  | $\sqcup$ | -  | 1 1                     | $\dashv$        |            |  | 60                         | -                 | $\vdash$   |                  |                | +-            |   | -        | -        |          | 111      |          | $\vdash$                                | $\dashv$      | $\dashv$ | -+           | -        | +             | 十        | _        |
|          | 11                   |          |  | Ш        |  | 11                      | $\dashv$        |            |  | 64                         | ١,                | <b>├</b> -├-   | -                | -+             |               |   | 100      | -        |          | 112      | _        | ┝╌┼                                     | $\dashv$      | -        | $\dashv$     | -+       | +             | +        | _        |
|          | 12                   |          |  | $\sqcup$ | _ _  | $\downarrow \downarrow$ |                 |            |  | 62                         | 1                 | $\vdash$   | +                | _              |               | $\vdash$  | -        | 1        |          |          |          | ⊢┼                                      | $\dashv$      |          | $\dashv$     |          | +             | +        | _        |
|          | 13                   | ļ        |  | Ш        | _  | 11                      | Д.              |            |  | 63                         | 11                | <b>├</b>   | +                | _              | -             |   | -        | -        |          | 113      |          | $\vdash \vdash$                         | $\dashv$      | -        |              | $\dashv$ | +             | $\dashv$ |          |
|          | 14                   |          | ot   | $\sqcup$ |  | 4-4                     |                 |            |  | 64                         | 11                | <b>├</b> ─├-   |                  | $\dashv$       | +             |   | -        | -        |          | 114      | _        | $\vdash$                                | +             | $\dashv$ |              | $\dashv$ | $\dashv$      | -        |          |
|          | 15                   | Ш        | $\sqcup \!\!\! \perp$                            | $\sqcup$ |  | $\perp \perp$           | _ _             |            |  | 65                         | Ш                 | _ _  | $\perp$          | _              |               |   | -11      | -        |          | 115      |          | $\vdash$                                | $\dashv$      | -        | -            | +        | +             | $\dashv$ | _        |
|          | 16                   |          |  | Ш        |  | $\perp$                 |                 |            |  | 66                         | 11                | <del>      -   -     -</del> | $\perp$          |                | -             |   | -        | _        | +        | 116      | -        | $\vdash$                                | -             | }        | $\dashv$     | -        | +             | +        | _        |
|          | 17                   |          |  |          |  |                         | $\bot$          |            |  | 67                         | $\coprod$         | $\sqcup \sqcup$  | $\perp$          |                |               | $\sqcup \bot$   | -        | _        |          | 117      | <u> </u> | $\vdash$                                |               |          |              | -        | +             | -        | _        |
|          | 18                   |          |  |          |  |                         |                 |            |  | 68                         | Ш                 | $oxed{oxed}$   |                  |                | $\bot$        | $oxed{oxed}$  | 4        | _        |          | 118      |          | $\vdash$                                |               | _        | $\dashv$     | $\dashv$ | +             | $\dashv$ |          |
|          | 19                   |          |  |          |  | $oxed{\Box}$            |                 |            |  | 69                         | Ш                 | $\perp \perp$  |                  |                | _             | $\sqcup \bot$   |          | _        |          | 119      | _        | _                                       |               | _        |              | _        | +             | _        |          |
|          | <b>2</b> D           |          |  |          |  |                         |                 |            |  | 70                         | Щ                 | $\sqcup \bot$  |                  |                |               | $oxed{oxed}$  |          | L        |          | 120      | _        | $\sqcup$                                | _             | _        |              | $\dashv$ | $\dashv$      | -        |          |
|          | 21                   | Г        |  |          |  |                         |                 |            |  | 71                         | $\prod$           |  |                  |                |               |   | 140      | L        |          | 121      |          | ╙                                       | _             | _        | _            | _        | $\dashv$      | _        | _        |
|          | 22                   | Γ        |  | $\Box$   |  |                         |                 |            |  | 72                         | П                 |  |                  |                |               | $\sqcup \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | 100      |          | _        | 122      | <u> </u> | Ш                                       |               | _        | _            | _        | 4             | _        |          |
|          | 28                   | Г        |  |          |  |                         |                 |            |  | 73                         | 1                 |  |                  |                |               |   |          |          |          | 123      | _        | $\sqcup$                                |               | _        | _            |          | $\dashv$      | $\dashv$ |          |
|          | 24                   | 1        |  |          |  |                         |                 |            |  | 74<br>76<br>76             |                   |  |                  |                |               |   | _        |          | $\perp$  | 124      | <u>_</u> | $\sqcup$                                | $\dashv$      |          | _            | _        | _             | _        |          |
|          | 25                   | 1        |  | $\sqcap$ |  | П                       |                 |            |  | 75                         |                   |  |                  |                |               |   |          | L        |          | 125      | L        | $\sqcup$                                | $\dashv$      | $\dashv$ | _            |          | _             | _        |          |
|          | 26                   | 1        |  | $\sqcap$ |  | $\neg \neg$             | $\neg$          |            |  | 76                         |                   |  |                  | $\Box$         |               |   |          |          | $\perp$  | 126      | L_       | $\sqcup$                                |               |          |              |          | $\rightarrow$ | _        |          |
|          | 27                   | 1        |  |          |  |                         |                 |            |  | 77                         | 1                 |  |                  |                |               |   |          |          | $\perp$  | 127      | _        | $\sqcup$                                | $\perp$       |          | <b> </b>     |          | _             | _        |          |
|          | 28                   |          |  |          |  |                         |                 |            |  | 78                         | П                 |  |                  |                |               |   |          |          |          | 128      | <u></u>  | Ш                                       | _1            |          |              |          | $\dashv$      |          |          |
|          | 29                   | 1        |  |          |  | $\top$                  |                 |            |  | 79                         | П                 |  |                  |                |               |   |          |          | $\perp$  | 129      | _        | $\sqcup$                                |               |          |              |          | $\dashv$      |          |          |
|          | 30                   |          |  |          | _  | 17                      | $\neg \vdash$   |            |  | 80                         | П                 |  | $\mathbf{I}^{-}$ |                |               |   |          |          |          | 130      | L        | Ш                                       |               |          |              | $\Box$   |               | _        | _        |
|          | 31                   | *        |  | П        |  |                         | $\neg \vdash$   |            |  | 81                         | П                 |  |                  |                |               |   |          |          |          | 131      | L        | Ш                                       | l             |          |              |          |               |          |          |
|          | 32                   | 10       | 1  |          | $\sqcap$   |                         |                 | 1          |  | 82                         | 11                |  |                  |                |               |   |          | L        |          | 132      | L        |   |               |          | لـــا        |          | $\perp$       |          | Ŀ.       |
|          | 38                   | 4        | $\vdash$   | $\top$   | $\sqcap$   | 1                       |                 | 14         |  | 83                         | $\prod$           | $\sqcap$   |                  |                |               | $\Box \Box$   |          |          |          | 133      |          | $\sqcup$                                |               |          |              | $\Box$   | $\perp$       |          | _        |
|          | 34                   | 1        |  | T        |  | $\neg \neg$             |                 |            |  | 84                         | 1                 | $\Box$   |                  |                |               |   |          |          | $\Box$   | 134      |          | Ш                                       |               |          | Ш            |          |               |          | <u>_</u> |
|          | 35                   | 1        |  | П        |  | 77                      |                 | 1          |  | 88                         |                   |  |                  |                |               |   |          |          |          | 135      |          | Ш                                       |               |          | Ш            |          | $\dashv$      | _        | <u> </u> |
|          | 38                   | Ė        |  | +        |  |                         |                 | 1          |  | 86                         | 1                 |  | $\neg$           |                |               |   |          |          | $\Box$   | 136      | L        | $\Box$                                  |               |          |              | Ш        | $\perp$       |          | _        |
| -        | 27                   | T        | $\vdash$   | +-       | $\vdash$   | $\dashv \dashv$         |                 |            |  | 87                         | 1                 | $\top$   |                  | $\Box$         |               |   |          |          |          | 137      |          |   |               |          |              |          |               |          |          |
|          | 38                   | 1        | <del>    -</del>                                 | 1        | $\vdash$   | +                       |                 |            |  | 88                         | $\dagger \dagger$ | 1-1  | $\top$           | $\Box$         |               |   |          |          |          | 138      | Γ        |   |               |          |              |          |               |          | L        |
|          | 39                   | 1        |  | +-       | H  | 1                       |                 | 1          |  | 89                         | 11                | 1-1  | $\neg$           |                | $\neg \vdash$ |   | 7        |          |          | 139      | Г        |   |               |          |              |          |               |          |          |
|          | 40                   | 1        | ++   | +        | $\vdash$   | +                       | $\vdash$        | 1          |  | 90                         | ††                | 11   | $\top$           |                | 1             |   |          |          | _        | 140      | Г        |   |               |          |              |          |               |          |          |
| -        | 41                   | +        | ++-  | +-       | $\vdash$   | +                       | $\dashv$        | 1.         | <del>                                     </del> | 91                         | ††                | + +  |                  | $\vdash$       | -             |   |          |          | $\dashv$ | 141      |          |   |               |          |              |          |               |          |          |
|          | 17/2                 | +        | +  | +        | <del>                                     </del> | +                       | $\vdash\vdash$  | 1          | $\vdash$   | 92                         | +†                | +-+  | $\dashv$         | -              | $\top$        | - -   |          |          |          | 142      | 1        |   |               |          |              |          |               |          |          |
| $\vdash$ | 42<br>43<br>44<br>45 | +        | ++   | +-       | $\vdash$   | +                       | $\vdash\vdash$  |            | -  | 93                         |                   | ++   | +                | $\vdash$       |               |   | 7        |          |          | 143      | T        |   |               |          |              |          |               |          |          |
| -        | 172                  | +        | +  | +        |  | +                       | -               | 1          | <u> </u>   | 94                         | ++                | ++   | +                | +              | $\neg \vdash$ | 1-1-  | 7        |          |          | 144      | Τ        |   | $\Box$        |          |              |          | $\Box$        |          | Γ        |
|          | 1 4 1                | +-       | ++   | +-       | $\vdash$   | +                       |                 | -          |  | 95                         | ++                | ++   | - -              |                |               | + +   | -        |          | $\dashv$ | 145      | $\vdash$ | $\Box$                                  | М             | _        |              | _        | $\Box$        | _        | Г        |
| <u> </u> | 140                  | +        |  | +        | ⊢⊢   | +                       | $\vdash\vdash$  | -          | -  | 96                         | ╁                 | +-+  | +                | <del>   </del> | +-            | +   | -        | $\vdash$ | $\dashv$ | 146      | t        | 1-1                                     | H             |          | <del>-</del> | $\vdash$ | $\sqcap$      | _        | Г        |
| -        | 46<br>47             | <b>⊹</b> | <del>                                     </del> | ┿        | <b>├</b> -┼-                                     | +                       | $\vdash$        | -          | -  | 97                         | ╫                 | +-+  | +                | +              |               | +-  | -17      |          | $\dashv$ | 147      | ╁╴       | 1-1                                     | Н             |          | _            |          | $\vdash$      | $\neg$   | Г        |
|          | 14/                  | +        | $\vdash\vdash$                                   | +-       |  | +                       | $\vdash$        | -          |  | 98                         |                   | ++   | +                | ╁╼╂            | - -           | ++  | -        | -        | -        | 148      | t        | +                                       | H             |          | <del> </del> | 1        | $\vdash$      | _        | _        |
| <u></u>  | 48                   | 1        | $\vdash$   | -        | $\vdash \vdash$                                  |                         |                 | -          | -  | 1 98                       | ╫                 | ++   | +                | 1-1            | +             | ++  | 4        | -        | $\dashv$ | 149      | +        | +                                       | Н             | -        | -            | H        | $\vdash$      |          | Т        |
|          | 49<br>50             | $\perp$  | $\vdash$   | $\perp$  | $\vdash \vdash$                                  | -                       | $\vdash \vdash$ | 4          | _  | 99                         | 1                 |  |                  | $\vdash$       | - -           | +   | -        |          | -        | 150      | -        | +                                       | <del>  </del> | -        | +-           | $\vdash$ | $\vdash$      |          | $\vdash$ |
|          | 1510                 | 1        | 1 1  | 1        |  | - 1                     |                 |            | IL   | 100                        | ) v               |  |                  |                |               |   |          | #L_      |          | 100      |          | لــــــــــــــــــــــــــــــــــــــ | Ц             | L        | 1            | Ц.,      | لـــا         |          | ┖—       |